## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

I believe I am the listed below) of the SEMICONDUC	d inventor, I herebe original, first and he subject matter v TOR MEMORY CONTROLLING of which (check of	sole inventor (if on which is claimed a DEVICE HAV	only one name is l and for which a pa	isted below) or tent is sought o	r an origina on the inver	l, first a ation er	and joint i ntitled:	inventor (if	olural nam	nes are
(x) ()										
any amendment r Code of Federal F application(s) for certificate disclos	t I have reviewed a eferred to above. Regulation, § 1.56 patent or inventoring the subject madd, or (2) if no prior	I acknowledge the I hereby claim for 's certificate listed atter claimed in the	e duty to disclose oreign priority be d below and have eir application and	information wh nefits under Tit also identified I having a filing	nich is mate tle 35, Unit below any g date (1) b	erial to ed Stat foreign	patentabil es Code, { n applicati	lity as define §119/365 of ion for pater	ed in Title any foreig nt or inven	37, gn
			Prior Foreign	Application(s)			•			
Number Country		Country	Day/Month/Year Filed			Priority Claimed				
299025/2002		Japan	11/10/2002		(3)	(X) Yes () No				
					()	) Yes	() No			
					C	Yes	() No			
the prior United S duty to disclose in available between (Application Num I hereby appoint Herschbach Jarre 45,698; C. Hunte No. 48,946; and I the Patent and Tra	olications listed ab States application in Information which In the filing date of Inber)  Donald W. Muirhell, Reg. No. 39,22 r Baker, Reg. No. Nadège M. Lagnes ademark Office con	n the manner provise material to pate the prior applicat  Day/N  ead, Reg. No. 33,9 3; Kevin Tormey, 46,533; Monica Cau, Reg. No. 51,90 onnected therewith	wided by the first pentability as define ion and the nation Month/Year Filed P78; Anne E. Satur Reg. No. 41,351; Gerber, Reg. No. 408 as attorneys and 1.	paragraph of Tied in Title 37, Cal or PCT inter  rnelli, Reg. No Elizabeth E. N 6,724; Elijah Cal/or agents to p	itle 35, Uni Code of Fec mational fil Status (Pate 41,290; Sa Jugent, Reg Cocks, Reg.	ted Sta deral Re- ing dat ented, I am Pas g. No. 4 No. 4 is appl	tes Code, egulations te of this a Pending, A sternack, F 13,839; Va 7,499; Joh ication an	§112, I ackers, §1.56 white application.  Abandoned)  Reg. No. 29, alarie B. Rosan A. Hamilid to transact	nowledge ch became 576; Bren sen, Reg. l	da No.
			Choate, Hall & Exchange Pla 53 State Stree Boston, Mass	ce t achusetts USA						
believed to be tru punishable by fin	that all statements ie; and further that ie or imprisonment ne validity of the a	these statements t, or both, under S	were made with the ection 1001 of Tit	ne knowledge t tle 18 of the Ur	hat willful	false st	atements	and the like	so made a	are
Inventor's signatu	ire <u>Idino</u>	Jak Jak	ahashi _		Date	Octo	ber 2	, 2003		
Full name of sole	or first inventor (	given name, fami	ly name) <u>HIRO</u>	YUKI TAKA	HASHI					
Residence Kanagawa, Japan Citizenship Japanese										
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( ) Additional inventors are being named on separately numbered sheets attached hereto.

Citizenship \_\_\_\_\_

Inventor's signature \_\_\_\_\_

Post Office Address (include zip code) \_\_\_

Full name of sole or first inventor (given name, family name)